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Docket No. CEN-248

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : David M. Knight, et al.

Serial No. : 09/920,262

Art Unit: 1646

Filed : August 1, 2001
MARIA

Examiner: MERTZ, PREMA

For : ANTI-IL-12 ANTIBODIES, COMPOSITIONS, METHODS AND
USES

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Guy Kevin Townsend

(Name of applicant, assignee, or Registered Representative)

Guy K. Townsend

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10/29/03

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Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37
C.F.R. §§1.97-1.98, information relating to the above-identified
application is hereby disclosed. Inclusion of information in
this statement is not to be construed as an admission that this
information is material as that term is defined in 37 C.F.R.
§1.56(b).

Applicant(s) reserve(s) the right to establish the
patentability of the claimed invention over any of the
information provided herewith, and/or to prove that this
information may not be prior art, and/or to prove that this

information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

☒ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required.

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Statement in Accordance with §1.97(e) (attached); or

☐ Please charge Deposit Account No. 10-0750/ / the fee of \$180.00 as set forth in §1.17(p).

☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or an action that otherwise closes prosecution and that it is accompanied by one of:

- ☐ Statement in Accordance with §1.97(e) (attached); or
- ☐ Please charge Deposit Account No. 10-0750/ / the fee of \$180.00 as set forth in §1.17(p).

☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are: Statement in Accordance with §1.97(e) as set forth below and the fee of \$180.00 as set forth in §1.17(p).

☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:

☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

☒ There are no listed references which are not in the English language.


☐ The relevance of those listed references which are not in the English language is as follows:

☐ Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.

☐ Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

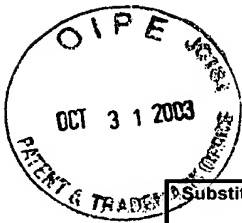
Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/CEN-248/GKT. This form is submitted in triplicate.

Respectfully submitted,



Guy Kevin Townsend
Reg. No. 34,033
Attorney for Applicants

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New Brunswick, NJ 08933-7003
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DATED: 10/29/03



PTO/SB/08A (08-00)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Application Number	09/920,262
Filing Date	August 1, 2001
First Named Inventor	David M. Knight
Group Art Unit	
Examiner Name	
Attorney Docket Number	CEN-248-NP

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
	B-1	6,300,478	B1	Trinchieri et. l	October 09, 2001	
	B-2	5,891,680		Lieschke et. al	April 06, 1999	
	B-3	5,811,523		Trinchieri et. al	Sept. 22, 1998	
	B-4	5,648,467		Trinchieri et. al	July 15, 1997	
	B-5	5,457,038		Trinchieri et. al	October 10, 1995	
	B-6	5,648,467		Trinchieri et. al	July 15, 1997	
	B-7	6,225,117	B1	Gately et. al	May 1, 2001	
	B-8	5,780,597		Gately et. al	July 14, 1998	
	B-9	6,225,117	B1	Gately et. al	May 01, 2001	
	B-10	5,891,680		Lieschke et. al	April 06, 1999	
	B-11	6,338,848	B1	Leonard et. al	January 15, 2002	
	B-12	6,495,667	B1	Bazan	Dec. 17, 2002	
	B-13	5,547,852		Seller et. al	August 20, 1996	
	B-14	6,086,876		Karp et. al	July 11, 2000	

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
	B-15	WO	01/19373	A2	BASF AG.	03/22/2001		
	B-16	WO	92/05256	A1	GENETICS INSTITUTE, INC.	04/02/1992		
	B-17	WO	90/05147	A1	GENETICS INSTITUTE, INC.	05/17/1990		
	B-18	WO	99/37682	A2	F. HOFFMANN- LA ROCHE AG	04/29/1999		
	B-19	WO	00/56772	A1	BASF AG	09/28/2000		
	B-20	EP	804581	A1	CORIXA CORP.	09/20/2001		
	B-21	EP	433827	B1	F. HOFFMANN LA ROCHE AG	03/04/1998		
	B-22	EP	790255	A2	F. HOFFMANN LA ROCHE AG	08/20/1997		

Examiner Signature	Date Considered
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 2

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<i>First Named Inventor</i>	David M. Knight
<i>Group Art Unit</i>	
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	CEN-248-NP

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			T ²
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	
	B-23	A. U. GUBLER et. al (COEXPRESSION OF TWO DISTINCT GENES IS REQUIRED TO GENERATE SECRETED BIOACTIVE CYTOTOXIC LYMPHOCYTE MATURATION FACTOR) Proc. Natl. acad. Sci. USA. Vol. 88, pp 4143-4147- (May 1991) Immunology.	
	B-24	A. U. GUBLER et al (CLONIC AND EXPRESSION OF CYTOTOXIC LYMPHOCYTE MATURATION FACTOR (CLMF) A HETERODIMERIC LYMPHOKINE THAT POTENTIATES NR LAK NA D T-CELL REPONSES) Abstracts Journal of cellular Biochemistry Supplement 15 F: 70 (1991)	
	B-25	ALVIN S. STERN et al - (PURIFICATION TO HOMOGENEITY AND PARTIAL CHARACTERIZATION OF CYTOTOXIC LYMPHOCYTE MATURATION FACTOR FROM HUMAN B-LYMPHOBLASTOID CELLS) (JUNE 11, 1990) F. HOFFMANN LA ROCHE INC. NUTLEY NJ USA. Proc. National Acad. Sci. USA (Vol. 87, pp 6808-6812- Sept 1990- Immunology)	
	B-26	M. GATELY et. al. (REGULATION OF HUMAN LYMPHOCYTE PROLIFERATION BY A HETERODIMERIC CYTOKINE IL-12 (CYTOTOXIC LYMPHOCYTE MATURATION FACTOR) Vol 147- 874-882 No. 3. (August 1, 1991).(The Journal of Immunology)	
	B-27	R. CHIZZONITE et. al. (IL-12 MONOCLONAL ANTIBODIES SPECIFIC FOR THE 40-KdA SUBUNIT BLOCK RECEPTOR BINDING AND BIOLOGIC ACTIVITY ON ACTIVATED HUMAN LYMPHOBLASTS.) Vol. 147,1548-1556- No. 5 (Sep1,1991) The Journal of Immunology.	
	B-28	SUSAN H. CHAN et. al. (INTRODUCTION OF INTERFERON PRODUCTION BY NATURAL KILLER CELL STIMULATORY FACTOR CHARACTERIZATION OF THE RESPONDER CELLS AND SYNERGY WITH OTHER INDUCERS) (THE ROCKEFELLER UNIVERSITY PRESS)- 0022-1007/91/04/0869/-Vol. 173 April 1991-pp869-879	
	B-29	ANNALISA D'ANDREA et al. (PRODUCTION OF NATURAL KILLER CELL STIMULATORY FACTOR (INTERLEUKIN 12) BY PERIPHERAL BLOOD MONONUCLEAR CELL) J. Exp. Med. The Rockefeller university press- 0022-1007/92/11/1387 Vol. 176 November 1992. - pp: 1387-1398	
	B-30	MARKUS F. NEURATH et. al. (ANTIBODIES TO INTERLEUKIN 12 ABROGATE ESTABLISHED EXPERIMENTAL COLITIS IN MICE) The Journal of Experimental Medicine - Vol. 182- Nov. 1995- pp.1281-1290	
	B-31	R.W. CARTER. et. al. (PRODUCTION AND CHARACTERIZATION OF MONOCLONAL ANTIBODIES TO HUMAN INTERLEUKIN -12) HYBRIDOMA 16: 363-369 (1997)	
	B-32	NICOLAS M. VALIANTE et. al. (ROLE OF THE PRODUCTION OF NATURAL KILLER CELL STIMULATORY FACTOR (NKSF/IL-12) IN THE ABILITY OF B CELL LINES TO STIMULATE T AND NK CELL PROLIFERATION). Cellular Immunology 145, 187-198-(1992)	
	B-33	RAINER DUCHMANN et. al. (TOLERANCE TOWARDS RESIDENT INTESTINAL FLORA IN MICE IS ABROGATED IN EXPERIMENTAL COLITIS AND RESTORES BY TREATMENT WITH INTELUKIN-1 OR ANTIBODIES TO INTERLEUKIN-12) Eur. J. Immunol 196-26: 394-938	
	B-34	MICHIKO KOBAYASHI et. al. I (IDENTIFICATION AND PURIFICATION OF NATURAL KILLER CELL STIMULATORY FACTOR (NKSF) A CYTOKINE WITH MULTIPLE BIOLOGIC EFFECTS ON HUMAN LYMPHOCYTES) J. Exp. Med. The Rockefeller university Press- Vol. 170-(Sept. 1989) pp. 827-845	
	B-35	SYLVIE TREMBLEAU et. al. (THE ROLE OF IL-12 IN THE INDUCTION OF ORGAN-SPECIFIC AUTOIMMUNE DISEASES)	

Examiner Signature		Date Considered	
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